

Title (en)
DEVICE FOR OPENING AND RECLOSING CONTAINERS

Title (de)
VORRICHTUNG ZUM ÖFFNEN UND WIEDERVERSCHLIESSEN VON BEHÄLTERN

Title (fr)
DISPOSITIF POUR OUVRIR ET REFERMER DES RECIPIENTS

Publication
EP 0883550 A1 19981216 (DE)

Application
EP 97903317 A 19970218

Priority

- DE 19607571 A 19960228
- DE 19610879 A 19960320
- EP 9700764 W 19970218

Abstract (en)
[origin: WO9731829A1] Described is a device for opening and reclosing containers, in particular flat-topped composite-material drink cartons. The device has a base element (1) with a pouring aperture, an integrally moulded pouring lip and a flange running round the aperture, the base element being designed to attach the device to the surface of the container. The device also has a lid (2) hinged to the base element (1) and an opening element (3) attached to the lid (2), the opening element (3) being mounted to move in a guideway in the lid (2) in such a way that, when the container is opened, the container material located under the base element (1) is pierced by the opening element (3) through the aperture in the base element (1). The device ensures that the container can be opened and reclosed cleanly and that drink cartons fitted with the device can be resealed tightly. The opening element (3) is designed in two parts comprising a push plate (3A, 3A') and a piercer ring (3B, 3B'), the piercer ring (3B, 3B') remaining inside the base element (1) when the container is opened.

IPC 1-7
B65D 5/74

IPC 8 full level
B65D 5/74 (2006.01)

CPC (source: EP US)
B65D 5/748 (2013.01 - EP US)

Citation (search report)
See references of WO 9731829A1

Designated contracting state (EPC)
AT DE ES FR GB NL SE

DOCDB simple family (publication)
WO 9731829 A1 19970904; AT E192104 T1 20000515; AU 1791797 A 19970916; AU 718330 B2 20000413; CA 2238507 A1 19970904; CA 2238507 C 20031111; CN 1072160 C 20011003; CN 1206385 A 19990127; EP 0883550 A1 19981216; EP 0883550 B1 20000426; ES 2145572 T3 20000701; HK 1017328 A1 19991119; US 6041968 A 20000328

DOCDB simple family (application)
EP 9700764 W 19970218; AT 97903317 T 19970218; AU 1791797 A 19970218; CA 2238507 A 19970218; CN 97191543 A 19970218; EP 97903317 A 19970218; ES 97903317 T 19970218; HK 99102346 A 19990525; US 11714898 A 19980723